ABSTRACT OF THE DISCLOSURE

What is disclosed is a method for creating reusable composite components from interpreted pages of rendered document during dynamic document construction. The method involves first obtaining a list of document components from the page and identifying any non-cached components. The

5   individual reusable document components (RDCs) are cached having been rendered to their respective bounding box dimensions. These RDCs are then permuted into combinations of RDCs and each composite RDC is cached rendered relative to each other in a bounding box of sufficient size to adequately contain the combination. Then, combining RDCs to form composite RULs and

10   caching the composite RULs rendered to full-page size. Any portion of each RDC of each composite RUL falling outside the boundary of RULs full-page size is clipped. Also disclosed is a method for rendering pages having a combination of reusable components and non-cached components has the first step of assessing the page for the possibility of having an underlay-overlay pair. Then a

15   cache of RULs is searched for underlays having the needed RDCs. If the correct RUL is not found in cache then generating a RUL from the page's RDCs and caching the new RUL rendered to full-page size. A full-page size overlay is rendered having the non-cached components. Lastly, given the overlay and given the correct underlay is found in cache then retrieving the underlay and

20   rendering the page therefrom.